

Chapter 1 Decimals Quiz Study Guide

Lesson 1-5 Understanding Decimals

1. Fill in the decimal place value in the place value chart (try your best to do this from memory)

Tens	Ones							
1	5	.	0	2	8			

2.

- a) Write 15.028 in word form.
- b) Write twenty-six and five hundredths in standard form.

3.

- a) Round 6.97 to the nearest tenth
- b) Round 7.051 to the nearest hundredth

Lesson 1-6 Comparing and Ordering Decimals

4. Order 8, 7.7, 8.31, 7.0 and 7.05 from least to greatest.

5. Compare

$$0.231 \underline{\hspace{1cm}} 0.213$$

Lesson 1-7 Adding and Subtracting Decimals

6. $5 + 17.01$

7. $8.7 - 0.384$

8. $15 - 2.011$

Lesson 1-8 Multiplying Decimals

9.	$4.3 \times .03$	10.	0.2×1.2	11.	0.05×0.125

Multiplying and Dividing by Powers of 10- Multiply and divide the following mentally.

12) $0.36 \times 1,000 =$ _____ 13) $1.37 \div 100 =$ _____ 14) $0.054 \times 100 =$ _____

Writing in Math-Error Analysis

15. Mrs. Minera multiplied 0.32×0.3 below, explain in **at least two complete sentences** what mistake Mrs. Minera made and what she should do to correct it.

$$\begin{array}{r} 0.32 \\ \times 0.3 \\ \hline 0.96 \end{array}$$

16. List at least three things you will do to study actively for this quiz:

After checking your answers in class, please reflect on what areas you need to work on.

		Got It!	Almost!	Heavily Review
1-5	Reading, Writing and Rounding Decimals			
1-6	Comparing and Ordering Decimals			
1-7	Adding and Subtracting Decimals			
1-8	Multiplying Decimals			

